

## CAREER OBJECTIVE

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Detail-oriented software engineering candidate seeking internship and full-time roles, with a strong ability to rapidly learn new technologies, work independently, and deliver high-quality solutions efficiently by breaking complex problems into clear, actionable steps.

## EDUCATION

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<b>B.E in Computer Science and Engineering</b>	<i>Sep '23 - Present</i>
<i>B. M. S. College of Engineering (CGPA: 9.15/10.00)</i>	Bengaluru, India
<i>Relevant Courses:</i> Data structures, Algorithms, Theory of Computation, Computer Networks, Databases, Computer Architecture, Operating Systems, Cloud Computing	
<b>V. V. S. Sardar Patel Pre-University College</b>	<i>Jun '21 - May '23</i>

*Overall Percentage: 94.3%* Bengaluru, India

## SKILLS AND INTERESTS

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**Soft Skills:** Critical thinking, Team-player, Communication, Project Management, Mentorship

**Languages: Adept:** C, Python    **Familiar:** Rust, C++, Java, Bash, Lua, Dart    **Beginner:** Verilog

**Tools and Frameworks:**

**C/C++:** gcc, clang, clangd, CMake, gdb

**Rust:** tokio, Cargo, async

**Other:** LATEX, Flutter, Android Studio, Cisco Packet simulator, VSCode, nvim

## PROJECTS

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### Netbackup

Jan '26

**Course:** Computer Networks, **Stack:** tokio, async Rust

**GitHub:** [netbackup](#)

- o Developed a private network storage server focused on secure, efficient, and reliable data storage and retrieval
- o Built a custom network stack with tailored protocols for file transfer, authentication and error handling
- o Implemented asynchronous connection handling to support multiple concurrent clients, enabling scalability within private network

### Heart Disease Detector

Dec '25

**Course:** Machine Learning, **Stack:** Python, HTML

**GitHub:** [heart-dd](#)

- o Developed a system to predict the likelihood of heart disease using advanced machine learning algorithms
- o Comprised of 8768 patient records from Kaggle, with an accuracy of 92.4%
- o Offers interactive features for easy health risk assessment

### Finance Management System

Jun '25

**Course:** Mobile Application Development, **Stack:** Flutter SDK, Android Studio

**GitHub:** [fms](#)

- o Developed "SpendWell", a mobile application that allows users to track and manage finances
- o Implements Google Firebase with enhanced security measures to ensure a secure backend for the application.
- o The project used a modular architecture that simplifies feature scalability and long-term maintenance

## EXTRA-CURRICULAR ACTIVITIES

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- o Involved in Event and Discipline Management at school
- o Represented as a team member for the Football team in BMS College of Engineering
- o Representative head of Design Department of my college club; (CodeIO/)

## ACHIEVEMENTS

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- o Have won various medals in Science Olympiads
- o Secured 97.33 percentile in JEE Mains, a national-level competition in 2023
- o Secured a 642 rank on the KCET exam, a state level amongst 244345 candidates